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David Rosenboom, Neuromusic, CAS/MillerComm2023

Event Type	Lecture
Sponsor	CAS/MillerComm and School of Music
Location	CIF Auditorium (0027-1025)
Date	Oct 3, 2022 5:00 pm
Speaker	David Rosenboom
Contact	Center for Advanced Study
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Views	56
Originating Calendar	Center for Advanced Study

What is form? What is an instrument? Is time granular and emergent? How do hyper-brain ensembles perform? Questions like these are being explored in experimental music. In this talk, David Rosenboom will present concrete examples from his more than five decades of pioneering work in *propositional music* illustrating how testable theoretical models in science and process-based *what-if* models in speculative arts can converge to mutual advantage in the new *artscience*: musical forms that arise spontaneously and evolve, listening as performance, networked telematic projects, large-scale collaborative forms, new approaches to notation, adaptive engineering in interactive instruments, cybernetic compositions employing direct musical interface with the human brain, and more.

David Rosenboom is a post-genre composer-performer-interdisciplinary artist, whose work highlights solo to large-scale emergent musical forms, multi-cultural collaborations, interactive technologies, artscience, neuromusic, and more. He studied in the stimulating environment of late 1960s UIUC, which led to an unbounded journey exploring new ideas through music. He has held important positions in multiple institutions, including York University, Mills College Center for Contemporary Music, and others; he now holds the Roy E. Disney Family Chair in Musical Composition in the Herb Alpert School of Music at California Institute of the Arts, where he was also Dean from 1990 through 2020; his work is widely presented, recorded, and published internationally, including major retrospectives at Whitney Museum of American Art, Centre Pompidou-Metz, and Tokyo Opera City. Rosenboom was named a Yamaha Artist in 2012.

Following the presentation, Rosenboom will join a panel discussion including Carla Scaletti (Symbolic Sound), David Sepkoski (History), and Smitha Vishveshwara (Physics)

About the speaker | David Rosenboom | website

Composer, performer, interdisciplinary artist-educator

Hosted by: School of Music

In conjunction with: Carl R. Woese Institute for Genomic Biology--Art of Science Program, Department of History, Department of Chemistry, Department of Computer Science, Department of Electrical & Computer Engineering, Humanities Research Institute (HRI), Office of the Chancellor, Robert E. Brown Center for World Music, Sousa Archives & Center for American Music, Symbolic Sound Corporation, The Neuroscience Program

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